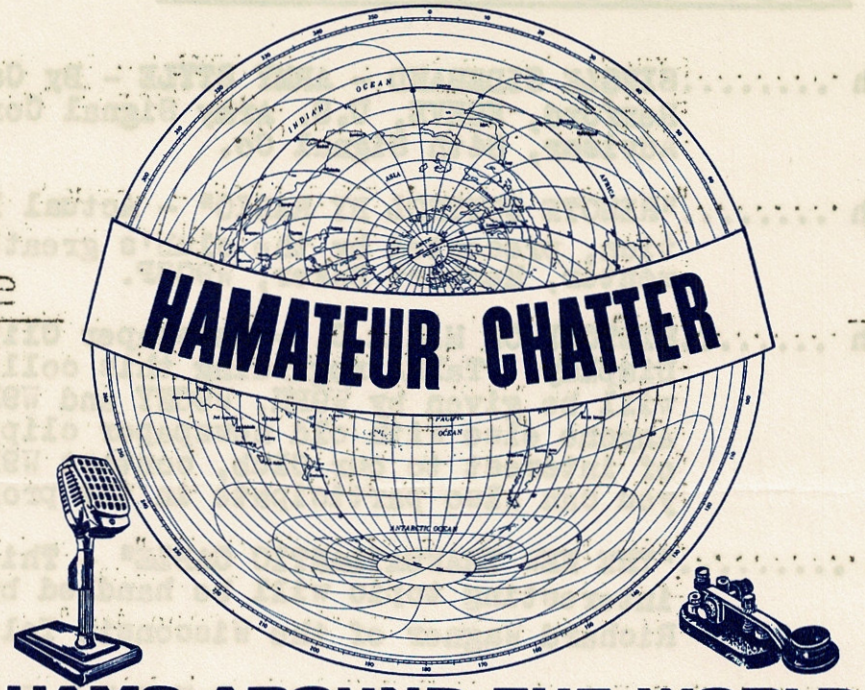
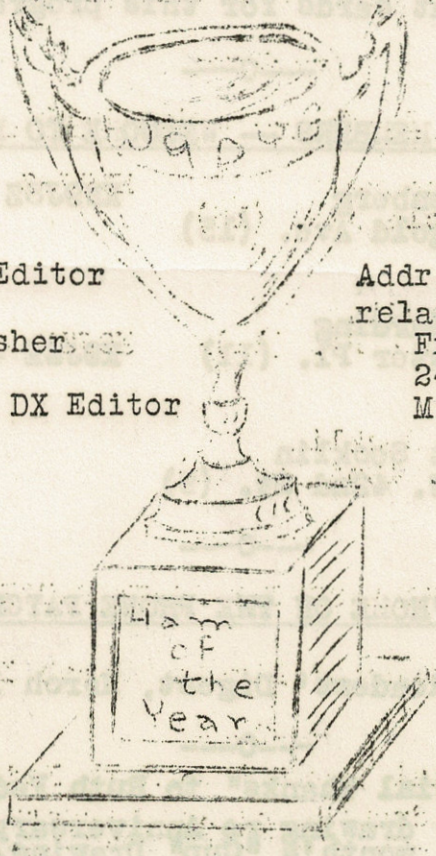
The Milwaukee Radio Amateurs' Club, Inc.

The World's Oldest Continuously Active Radio Amateur Club

6th Issue — MARCH 1958



PUBLISHED PERIODICALLY BY MRAC IN THE INTEREST OF OUR MEMBERSHIP AND AMATEUR RADIO



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CONGRATULATIONS TO
W 9 D Y G

FRED BORCHERDT
"HAM OF THE YEAR"

COMING PROGRAMS

K E E P T H I S L I S T H A N D Y

MARCH 13th .....SINGLE SIDEBAND - ARMY STYLE - By Capt. Sid Rexford, K9KVE, U.S. Army Signal Corps, Unit Advisor, 84th Signal Co.

MARCH 20th ....."REMOTE CONTROL BY RADIO" - Actual Demonstration, presented by the club's greatest experimenter, Herbert Baker, W9GSP.

MARCH 27th .....HISTORY OF M.R.A.C. - Newspaper Clipping Display. Talks regarding this collection will be given by W9RH, W9ONY and W9FDX. Anyone else with old newspaper clippings of interest to our Club, contact W9FDX and you can also participate in the program.

APRIL 3rd ....."THE NEW TRANSATLANTIC CABLE" - This interesting topic will be handled by Mr. Richard Wagner of the Wisconsin Telephone Co.

- -

MICROWAVE TRANSMISSION TALK INTERESTING

Herb Zwarra W9MQA presented one of his usual interesting talks on microwave at the Feb. 27th meeting. He covered wave guides, TV transmission and reception and explained the hazards and griefs in this phase of communications. (MRAC was very sorry that the announcement cards for this program were slow in reaching the membership.)

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NEW MEMBERS -- WELCOME TO MRAC

W9QNM - Harry Spangenberg
2434 W. Mangold Ave. (15)

KN9JSZ - Donald J. Stonek
3643 E. Barnard Ave.
Cudahy, Wis.

K9HPG - William J. Harding
1624 E. Webster Pl. (11)

K9JZE - Heinz Browdeit
3552 N. 25th St.

W9ZBO/K9ENI - Albert Secklin
5420 N. 42nd St. (9)

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"HOME ON THE PHONE PATCH"

Read this story in Readers' Digest, March Issue, Page 184!

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(Editor's note: "Special Thanks" to Ruth Fedder (YFW's XYL) for last month's cover drawing re Anniversary Dance & this month's "Cup" Drawing.)

40th ANNIVERSARY DANCE BIG SUCCESS

In spite of the inclement weather, temperature at zero and sliding down, over 150 hams and friends, attended the dance held at the Armory, and from all appearances - "A good time was had by all."

It was surprising to see many hams who haven't attended meetings lately and likewise the out-of-town hams and their families, from Kenosha, Racine, Lake Geneva and Oshkosh.

The Buffet Luncheon was excellent and served beautifully by six attendants of the catering company. The food consisted of: roast beef, hot baked ham, raw chopped beef with Bermuda onions, potato salad, chicken salad, baked beans, three kinds of jello molds, olives, celery, pickles, variety of cheeses, bread and rolls and a variety of cakes. Prior to the luncheon, each table was well supplied with popcorn and potato chips and plenty of drinks.

The orchestra played generously and we were happy to have our own W9VBZ at the drums. Eddie Buchholz Sr. and Frank Seboth W9NLY showed excellent taste in the way things were arranged and conducted. They are to be congratulated for a splendid job! (Believe me, they worked plenty hard ... we noted their XYLS also pitched in.)

We want to thank those responsible for the use of the hall and those companies who donated gifts: Radio Parts Co., Central Radio and Amateur Electronics.

---O---

10 METER (WORK ALL ZONES) CONTEST

The contest committee inaugurated a 10 meter contest with a bonus feature of increasing your points by working City of Milwaukee zones. It proved to be quite interesting and the following results show the total points arrived at by multiplying the contacts by zones worked:

W9OMZ 810 (first)
K9CAN 784 (second)
W9VOD 690 (third)
W9ZPV 630
W9GPI 532
K9BTG 494
K9CJK 494

W9WVL 476
W9MJE 468
K9CME 418
W9RUJ 416
W9RZD 286
W9VLK 198
W9YFW
W9DOS

MOBILES
W9MOT/M 644 (first)
W9ONY/M 192 (second)
W9PST/M 24

CW ENTRANTS
W9RKP 198 (first)
W9QYW 192
W9DYG 180
W9CUW 40

Certificates were given to the winners.

---O---

After the physician checked the patient over, he asked:

"Have you been living a normal life?"

"Yes, doctor."

"Well, you're going to have to cut it out for a while."

OUR YOUNGER HAMS; WHAT THEY ARE DOING

K9BSH - Norbert Piotrowski, 710 E. Layton Ave., a member of MRAC since 1955 at which time he received his novice license. His xmtr is a DX-35, rcvr S-38D with a Q multiplier. Works 80-10 meter bands CW. Has a variety of antennas which he likes to experiment with. They are: 135' long on 15, 200' long on 20, & 80 meter dipole. Has WAS, RCC awards and is after the WAVE paper; up to now he has most of the VE's. His DX is KL7, KP4, EX1, G3 and a W5/MM off the coast of Trinidad. Norb is doing a good job, and "good luck".

W9YZG - Gary C. Olson, 2423 N. 41 st; his rig is Viking Valiant, NC125, 3EL for 20 meters and a doublet on 40. His main interest is DX having worked 75 countries, receiving confirmation on 57. Gets into the WIN when time permits. He is attending Washington High School. Has awards WAC WAS, RCC, CP-25. Hope it won't be long before Gary gets his DXCC.

K9ISI - Bruce Weitermann, 3144 N. 12th St., covers 6-meters only with a Globe Scout 680. His antenna is a dipole 30 feet above the ground. Enjoys local rag-chewing and operates in the 6-meter nets. He is president of the Milwaukee Rag Chewers net on 6 meters.

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W9ROM HEARS "EXPLORER'S" SIGNALS

Carl has been hearing the Explorer's signals regularly on 108.3 mc by the use of a grounded grid converter which he built for this purpose. He has his rig in the WHAD shack at Lapham Peak near Delafield, where he is an engineer. His friend Don Ripani W9JAQ, worked with Carl in developing the converter. The Milwaukee Journal printed a terrific story in the Feb. 9th Sunday paper, if you haven't read it please do. (See March issue Radio & TV News, page 160, on how to build an inexpensive FM tuner kit for monitoring 108 mc.)

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W9QYW (BOWEN) PINCH HITS FOR K9CJK

Secretary Jim Buth was transferred to a night shift which knocked him out of the minute-taking job at the Club. He will continue putting out this Bulletin. "INK" Bowen is taking over the job pro-tem and we appreciate that very much.

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ACHIEVEMENT AWARD SCORES

			NOVICE	
W9DYG	Fred R. Borcherdt	5885 points	KN9ELH	R.Stonek 1865 points
W9RKP	Russell E. Burss	5320 points	KN9GOS	Carl Schultz -
W9SAA	Henry J. Dean	2450 points		1265 points

AWARDS CHAIRMAN Ashwood, W9PQA is very anxious that everyone send in their awards figures, using the sheet that was mailed to every member recently, even if you feel that your score is low. The more interest displayed by the members gives our committee men an incentive to carry on.

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LETTERS FROM OUT-OF-TOWN MEMBERS --Dr. Lawrence WØUSF in California:

"Dear Jim, K9CJK-

Just a line to you and the whole gang to say how I enjoy keeping in touch, receiving all the notices and imagining all the "goings on". It is fine to see what all is being done, and the weekly programs enjoyed. I could learn a lot if I were there. Ask Smitty who was secretary in 1952 and lived in a big apartment building where he couldn't get an antenna up, if he has tried the WINDOW SILL ANTENNA described on page 21 of the Oct. 1957 QST? Looks like it might be just what he needs. Your programs seem to be a well balanced combination of eminent visiting firemen and competent local authorities. F.B.

Seems that Doug Pavek is as busy as ever. I was especially interested in the bus which Doug chartered to attend the National Convention in Chicago. So much more fun and sociability to all go together. And it was a lot cheaper and much less effort than driving down in private autos. Congratulate Doug and his committee on another FB stunt. And the circular on Satellite Tracking and reporting was most important. However, I am wondering if American Hams did not perpetrate a gigantic error in sending Russia all those data on the Satellite Sputnik?? Each report sent Russia gave them an exact fix on the location of the station reporting. The sum total was a perfect and complete survey of the USA from which Russia could get exact location of every target they might wish to shoot at. THIS IS SERIOUS * * * Discuss it thoroughly and act as a club to pass along a plan to prevent any future help to our enemies, if possible. 73.....G.P. Lawrence, WØUSF
Bos 722, Lancaster, Calif.

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W9HXE KARL PEARSON ACTIVE IN CD

Karl is Director of Communications of Du Page County Civil Defense Organization which is just west of Chicago and Cook County. A control station is being built in a building 100 x 80 feet, which will cost $360,000 and will handle the Northeast Illinois Mutual Aid area which takes in Lake, McHenry, Cook and Kane counties, and also the city of Chicago. FCDA will match 50% of the investment. The station will contain every type of facility needed for 24-hour operation. The HAM station should be operated in 8-hour shifts. It will run on emergency power. The antennas are supported on two towers, 250 feet high. Karl extends an invitation to MRAC to attend the open house which will be held this fall. It is a stupendous project and should be worth while seeing.

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PHOTOTUBES COUNT BUSES

A system under development in London uses a photo-electric scanning system to keep track of buses as they pass check points. A box containing a light source and phototube is mounted on a lamp post or wall at selected points along the bus route. When a bus passes, a tape on the side of the bus reflects the light from the source back to the phototube in a coded series. The phototube output is amplified and fed to the central control room where the bus number and location are flashed on a panel for checking.

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"HOW ABOUT ATTENDING A HAMFEST?"

This ancient custom of amateurs is just another function of amateur radio, yet many an "Op" has never attended one of them. He thinks perhaps it's private, or some special group in which he or she would not be welcome. Well, let's get that matter straight right now - EVERY amateur is welcome, young timer, old timer, YL, XYL, or a newcomer with a growing interest.

Always these affairs are the function of a Radio Club whose committee works long and hard to put together the type of program that holds something for everyone. Usually the funds available to promote attendance are limited; that's why you should not expect a personal invitation, and sometimes you only learn of the affair by listening on the air - but that need not deter your plan to go ANYWAY!

What goes on?? Well you name it and it's there. Half the fun in amateur radio is getting to meet the people that you contact on the air. Friendships are cemented that last for a lifetime and add very much to amateur operation.

Representatives of amateur organization such as Nets, Emergency work, DX and MARS are usually happy to extend a personal invitation to you to join in their activities, and frequently representatives of manufacturers will be on hand to answer your questions, or expound on the merits of their newest equipment.

The tariff is usually at a minimum and PRIZES-No hamfest is complete without them, usually run the full scale of variety from a "bottle of Quietrol" to a fine receiver.

One of the VERY BEST in this Wisconsin section is due on May 17th at Wausau Wisconsin. It's an all day affair with plenty of everything for everybody. Maury Mead W9FBC is the Chairman and his address is Box 363 Wausau. If this is you first hamfest you might just as well plan right now to be in attendance. It's indoors with room for everything and the close-to-500 who will be there. The roads are excellent, dinner is "magnifico", weather is glorious, and a great bunch of people are ready to greet both you and Spring at Wausau.... MAY 17th. OH FOR SURE...BRING HER ALONG! Start plans now, attend a Hamfest; learn that call signs can also be people that will be glad to meet you and you'll be glad that you were there.

73

JACK DOYLE, W9GPI

WORLD'S HAMS TRACK SPUTNIKS

(excerpt from magazine USSR)

(Picture in story discloses W9VOD QSL card on Ham shack table. Milwaukee Journal reproduced this picture in Roto Section Sun. "Double Confirmation" Feb. 23rd)

"Except for the scientists in laboratories and observatories, the world's radio amateur comprised the busiest group tracing the orbits of the sputniks around the Globe. One of them in Moscow was especially active. He is Valentin Vasilishchenko, but hams across the world know him best by his call letter: UA-3EG. He is shown in the picture with his son Sasha.

Valentin was kept on his toes when the first sputnik was launched. "UA-3EG...Come in UA-3EG" came from amateurs in England, Germany, Yugoslavia, France and Spain. All wanted data. Douglas Clock, a Britisher called: "Much excitement about the "moon". It's wonderful." But Clock couldn't bring in the signals and asked for help. Valentin obliged by relaying the "beep" by radio phone.

Thousands of hams in the Soviet Union had to supply their colleagues in other parts of the world with all kinds of information - the signals for identifying the sputniks, the schedule for their passage over various areas, data concerning their launching and equipment.

Three students in Tashkent, the capital of Uzbekistan, established contact with California, Japan and South America. Tokyo said "Thanks Tashkent, we hear it clearly." An American operator pleased the Tashkent students by messaging: "Reception clearer since satellite launched. Hope world weather clears quickly."

Every ham in the world seemed to be tracking the sputniks. An endless flow of reports streamed to Moscow's Sputnik Center to be compared, correlated and studied by scientists. "

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(The magazine "USSR" is published in this country by the Russians as part of a cultural exchange program. The United States magazine published in Russia is called "AMERICA")

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ARRL ISSUES IMPORTANT BULLETIN

Off frequency and harmonic violations continue to require the attention of FCC monitors and ARRL official observers. Novices are urged to make careful tests with local amateurs to make sure that strong second harmonics are not being radiated in the 11, 5.4 and 7.4 MC frequency ranges. Others are asked to watch especially the ten and 15 meters phone band edges and the outer limits of all bands. Some amateurs depend too much on their own equipment, forgetting the possiblity of drift of receiver and transmitter calibrations. Band edges are unsafe places to work without extremely accurate frequency measuring equipment.

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NOVICE WELL AWARDED FOR SWEEPSTAKE EFFORTS

Sometime ago Jack Doyle W9GPI announced that he would give a prize to the first novice who would score high points in SS contest. The lucky ham was Lance Kaufman K9CME who scored highest in the novice division. The award was an Antennascope which fits in nicely with Lance's gear.

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FLASH.....W9PQA MAKES DXCC ON PHONE .....FLASH

Congratulations are in order for Loren Ashwood W9PQA who has just made DXCC on phone only. He is the second MRAC member to accomplish this honor. W9FDX Doug Pavek, having received it some time ago.

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HOME COOKING

Two cannibals were sitting around chatting amiably after a hearty meal.
"That was some meal." commented the first, licking his lips.
"Yes, my wife makes a wonderful soup." replied the host...
...."but I'm sure going to miss her."

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MRAC ARRL ACTIVITIES and D X NEWS

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"WATCH FOR" C.S.T.

4W1TD - Yemen (21.028) 2 p.m., QSL to 5A Bureau
9K2AJ - Kuwait (28.045) 9a.m. - QSL to Hassen, Box 65
9K2AC - Kuwait, 21 mcs, SSB - 10 to 3 p.m.
JT1AA - JT1YL - Mongolia (21.034) & 21.093, 8 PM Sats.
ZC3AC - Christmas Islands (14.047, 14.060 & 14.112) 7 to 9 a.m.
HS1C - Siam, 14.019, 7 to 9 a.m.
HL9KT - Korea, 28.450 HL9KS 14.140, 8 to 10 a.m.
VR4CW - Solomon Islands 14.017, 1am Sats.
9G1BQ - Ghana, 14.014, & 28.375; 9G1CM 14.070 - 1 a.m.
HKØAI - San Andres, VFO 14 mcs 10 to 12 p.m.
FB8CD - Comoros Island, 21.051 11 am. to 1 pm

WATCH FOR following in 2nd part of DX contest:

Fone: VB2DW 14.109, 8:30 a.m.; AP2U 14.105, 8 to 9 p.m.
HL9KS 14.140, 9 a.m. & UAØLA 14.161, 8 am, (zone 19)

CW: ST2AR 14.077, 3A2CF 28.136, CR4AD, 28mgs
4W1TD 21,028, IS1MM 21.080, ZD3G (VFO) FF8AJ (VFO)
KC4USB (VFO) CT2BO 14.020; FL8AC 14.039, & ZK1AK 14.042

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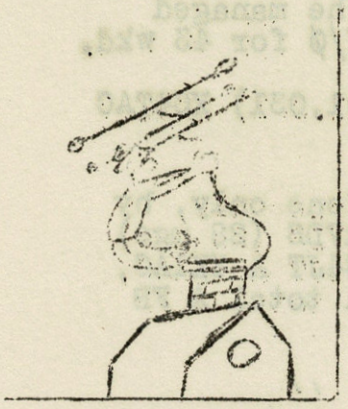

"ON THE AIR"

The DX Contest is in full swing and condx seem good on all bands. As the sun continues its swing toward Northern skies, giving us more daylight hours, 10 and 15 mtrs remains open from sunrise to long after sunset. 20 meters wide open 7 to 9 a.m. and from 3 p.m. till after midnite.

Watch for occasional "hot" openings on 20 mts to all parts of the world, around midnite. FKØAD, Chesterfield Id heard here at 11 PM on 14.008 kcs with S-5 sigs. More prefex changes finds ZD4's now 9G1 and MP4K now 9K2. A possible new one is VPØRT? Reg Tibbets W6ITH operates SSB from there (Anguilla Island) for short period in January. Reg will return to VPØRT operation if ARRL sez it's a new one. Let's hope so. VQ8AS QSL's go via VQ4AQ. W/K cards via W1FH. VKØAB and VKØAS on way back to Australia. Get your QSL's from these boys via VK2EG. Fran Greeley of 5A2TG fame, now back stateside. QSL to W9PHG. MP4BCG works 21 mc CW. Opr "J.D." sez QSL to W4GNC.

Dick KV4AA sez Danny now back in "G" land. Let's all hope he gets Yasme III off to DX spots soon. Last but not least, the MRAC gang are off and running with the new year, with following results:

W9UDK – Geo., who is studying hard at UW-M to become a Chemical Engineer, doesn't find much time for DX, but reports receipt of QSL's from Y12AM, VS6DM, CE9AQ, UA3KAB & HC1LE to reach 116/104 total.

W9PQA – Loren rose to 134/98 on fone, by chatting with HL9KT, CR7BB CT3AF, CEØAG, all on 10 mtrs & FS7RT, CR6CS and VU2CQ on 15 mtrs and HKØAI on 20 mtrs. He also foundJT1AA, JT1YL (Ludvik's XYL) and ZD3G via CW to climb to 150/118 and needs only zone 39 for WAZ.

W9QYW – Ink has been practically living in his newly heated and inclosed basement shack and reports total now 123/88 with QSL's from VP3AD (21.090) UL7KAA (14.060) FY7YF (14.012) ZD3G (21.030) PZ1AO (21.080) 9G1CM (14.070) OD5AV (28.185) CR7LU (28.105) UF6PB (14.050) & HR2FG (14.010) The mailman "brung" him QSL's from PY7AN/Ø, KR6JL, OY1R, OH2YV/Ø, ZD3G &FY7YF.

W9MDG – Al still finds some time to get on 20 CW and reports QSO's with HA4TC (14.028) HR 2FG (14.010) UA4NB (14.030) LZ1KAW (14.010) UB5KAG (14.035) UQ2AN (14.010) and UR2AK (14.012) to reach 78/60 score.

K9CJK – Jim's changing sked at Square D has kept him up in the air but not off the air, as his rising score of 58/33 proves. He reports fone QSO's with SVØWP, CN8HE, HC1TK, PAØLOU, CE3GI, PJ2AP, EL1H, LU7AAG, VP2LB, HR3HH, KG4AO, HP2ON, and UI8BE on 28 mcs and he keyed with FO8AO (14.090) CX1BO (14.051) GI5UR (14.048) UI8KAE & UAØKAR. QSL's in from SVØWP, SP2CJ, YU3SQ, VP9Y, HC1TK, KV4AA, PJ2AP, CE3GI and KA8KW.

K9ENB - Chas business trips keeping him QRL but sez he managed to snag VQ2IE (14.088) JA7JQ (14.076 & OH2YV/Ø for 43 wkd.

W9DYG - Fred managed to hook ZS8R (14.048) MP4BCG (21.031) KC4TAC (14.056) & 3A2CF (28.136) to reach 190/178.

W9FDX - Doug keeps right on climbing to 198/183 on fone only, by talking with VS2DW (14.109) AP2U (14.105) CR7DS (28 mgs) & HL9KS (14.140). QSL cards in from HS1A, VS4JT & YK1AC, on postal reply coupon, to make his over-all total A FB 239/229

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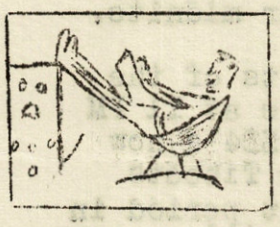
"On The Side"



Are you tired of DX, rag chewing, TFC etc? Then contact Dick K9GDF and play a few games of checkers or chess on 75 CW! Dick takes on all comers, so here's your chance.

The 10 meter local contest of Jan. 31 sure was a big success with about 30 MRAC members putting in appearances. Included were W9RUF Mary and W9OMZ Jeanne, whose sweet voices made it a real XYL/OM affair. You'll know who won before this gets into print as Ink W9QYW, chairman of these FB get-to-gethers, will have announced the results down at club, sometime in Feb. (Ed note: results are how published in this issue.)

The two most helpful hams I know: Jim K9CJK and Don W9KQD are always lending someone a helping hand or pitching into some thankless job. A lot of us MRAC members owe them a big TNX.

The latest DX committee meeting was held Jan. 17 at W9YZG's QTH. Gary's new Valiant and neat shack got its share of attention. Last minute DX night plans were discussed along with DX itself. After W9QYW pulled off his QSL card hoax with assistance of DYG - it shocked the wits out of everyone - Gary and his father served a delicious lunch to close the evening.

Thanks to a swell idea by Doug FDX, the MRAC DX gang now has an up-to-date country list of countries needed by each DX-er. The master copy is kept up-to-date by DYG and before each DX meeting, Doug makes mimeographed copies of same for each member to pick up. I wonder how many other clubs around the country could claim such co-operation & helpfulness as we find in our own DX group?

WHAT A PROBLEM - this feller reports he has 2 brothers. One is a DX ham, the other was just sentenced to hang. Several of his relations have died from insanity. His OM sells narcotics. His sisters are always in trouble. Recently he met a nice girl just released from prison and wants to marry her. His problem? -Should he tell her about the brother who is a DX ham operator???

New gear in town finds Jim K9CJK running a Valiant and Ink W9QYW with a navigator exciter & home brew crystal converter. John W9DGB has a HQ-140X FOR SALE. Al MDG sez he plans building new final using a pr of 813's; chas ENB making a 813 final. Don KQD out to make WAS via mobile. Did you know that Bacon W5FXR is a ham??? CAUTION: Engage brain before pressing PUSH TO TALK or POUNDING BRASS. 73 & cont'd DX

- W 9 D Y G -

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FRED BORCHERDT, W9DYG ..... HAM OF THE YEAR

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When the M.R.A.C. Achievement Award Sheets were tallied recently, the highest score pointed to W9DYG - an active club member who certainly deserves this recognition for his accomplishments!

Fred not only devoted the year to a great deal of DX activity, which is an important phase of amateur radio for a club, but created a great SPIRIT OF TEAMWORK among our members. (His DX News is a highlight of each Hamateur Chatter Issue.)

Thru his ENTHUSIASTIC efforts, many of our members who were more or less dormant to certain activities, adapted themselves to his high-spirited leadership!

The sweepstakes is a very good example to cite: When the final figures are published, you may find MRAC way up on top and this will add more prestige to our Club!

Fred is a leader ..... we need more like him!

M.R.A.C. hopes the Trophy will bring him much happiness!

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CONGRATULATIONS: W9DYG ..... "HAM OF THE YEAR"

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